

REMARKS/ARGUMENTS

Claims 1-60 are pending in this application. Claims 41-44, 46, and 48-50 are allowed, claims 1-40, 51, 52, 55-57, and 60 are rejected. Claims 24, 25, 34, 35, 37, 45, 47, 53, 54, 58, and 59 are objected to, but allowable if properly rewritten. By this amendment, claims 1-21, 23-31, 33-36, and 53 are cancelled. Claims 22, 32, 45, 47, 51, and 54 are amended. New claims 61-74 are presented for examination.

The specification stands objected to as missing the U.S. Patent Number for U.S. Patent Application Serial No. 10/452,113. The specification has been amended to provide the missing patent number.

Claims 45 and 47 stand objected to as including informalities, which have been corrected in the manner suggested by the Examiner. No new matter is deemed to have been added to claims 45 and 47.

Claim 51 stands rejected under 35 USC 112, second paragraph, as being indefinite. The phrase "such as" has been removed from the claim.

Claims 1-23, 26-33, 36, 38-40, 51, 52, 56, 57, and 60 stand rejected under 35 USC 102(e) as being anticipated by Lin (US Patent No. 6,451,626). Claim 55 stands rejected under 35 USC 103(a) as being unpatentable over Lin. The rejections under 35 USC 102(e) and 103(a) are both respectfully traversed as moot as is explained in further detail below.

Claims 1-40 stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-7, 9-15, 17-21, 23-30, and 33-38 of US Patent No. 6,627,985. The Office Action indicated that timely filing of a terminal disclaimer could be used to overcome this rejection. In response, a terminal disclaimer is provided to address this rejection.

It is noted that claims 41-44, 46, and 48-50 are allowed, and that claims 45 and 47 would be allowable if the claims objections were corrected. Claims 45 and 47 are deemed to be allowable as the claim objections have been addressed.

Claims 24, 25, 34, 35, 37, 53, 54, 58, and 59 stand objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in proper independent form. In response, claim 22 has been amended to include all of the limitations of claims 23 and 24. Claim 32 has been amended to include all of the limitations of claims 33 and 34. Claim 51 has been amended to include all of the limitations of claim 53. Claim 54 has been amended to properly depend from amended claim 51. No new matter has been included in any of the claim amendments. Claims 22, 32, and 51 are deemed to be allowable as containing allowable subject matter. The remaining dependent claims are deemed to be allowable as being dependent upon an allowable base claim.

Similarly, new claims 61-74 are all deemed to be allowable as either containing allowable subject matter, or being dependent upon an allowable base claim. New claim 61 is deemed to be allowable as including all of the limitations of base claim 22, and claims 23 and 25. New claim 62 is deemed to be allowable as including all of the limitations of base claim 32, and claims 33 and 35. New claim 67 is deemed to be allowable as including all of the limitations of base claim 51, and claims 57 and 58. No new matter has been included in any of the new claims. The remaining dependent new claims are deemed to be allowable as being dependent upon an allowable base claim.

In view of all of the above, pending claims 22, 32, 37-52, and 54-74 are now believed to be either allowed or allowable and the case in condition for allowance which action is respectfully requested. Should the Examiner be of the opinion that a telephone conference would expedite the prosecution of this case, the Examiner is requested to contact Applicants' attorney at the telephone number listed below.

Serial No. 10/802,067
Reply to Office Action of April 3, 2006

Please charge deposit account # 50-1123 the Terminal Disclaimer fee of \$130. No other fee is believed due. However, any fee deficiency associated with this submittal may also be charged to Deposit Account No. 50-1123.

Respectfully submitted,

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